

Lectures to
Matureu *the dice*
SELKIRK LEFT ON THE ISLAND.



Alexander Selkirk, a Scotch sailor, was left upon the island of St. Juan Fernandez, where he dwelt for a number of years, having no company but beasts to dwell with. Here he lived a solitary life, and was finally taken home in a ship that touched at the island, to the great surprise of his friends. (See the adventures of the "Real Robinson Crusoe," published by Mahlon Day, New-York.)

Burdach - arranged article of that: Med: according to their chemical Analogies -
Arrangements also made according to
the Physical properties of Medicines -

Cullen's Arrangement founded upon
the general Effects of Remedies -
and also in its minor Subdivisions
upon their Physical Relations -
Albert - according to the relations
which Remedies bear to particular
organs or Structure -

Dr Granville of England - combining
both the System of Cullen and Albert -

M.2 7406. f.43g

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PHILADELPHIA.

RIDGWAY BRANCH.

PRESENTED BY

COMMUNITER BONA PROFUNDERE DEORUM EST.

Gent —

I shall enter to day, upon the
articles of the Materia Medica — But
before I proceed any further — allow me
to indulge in a few remarks — I had such
painful experience, whilst an ungraduated
Student, in listening to the tedious, and
time wasting speculations upon the Modus
Operandi of Medicines — that I consider it
unpardonable — whilst enjoying the honora-
ble privilege of being your Teacher — to
desire to inflict that Medical Punishment
upon you — "Ex placentia Doct" —
is a maxim — with which you are all
~~accustomed~~ familiar — and I should shew my-
self utterly ignorant of its immediate
application — in an attempt to waste
your time — with these idle discrepanies —

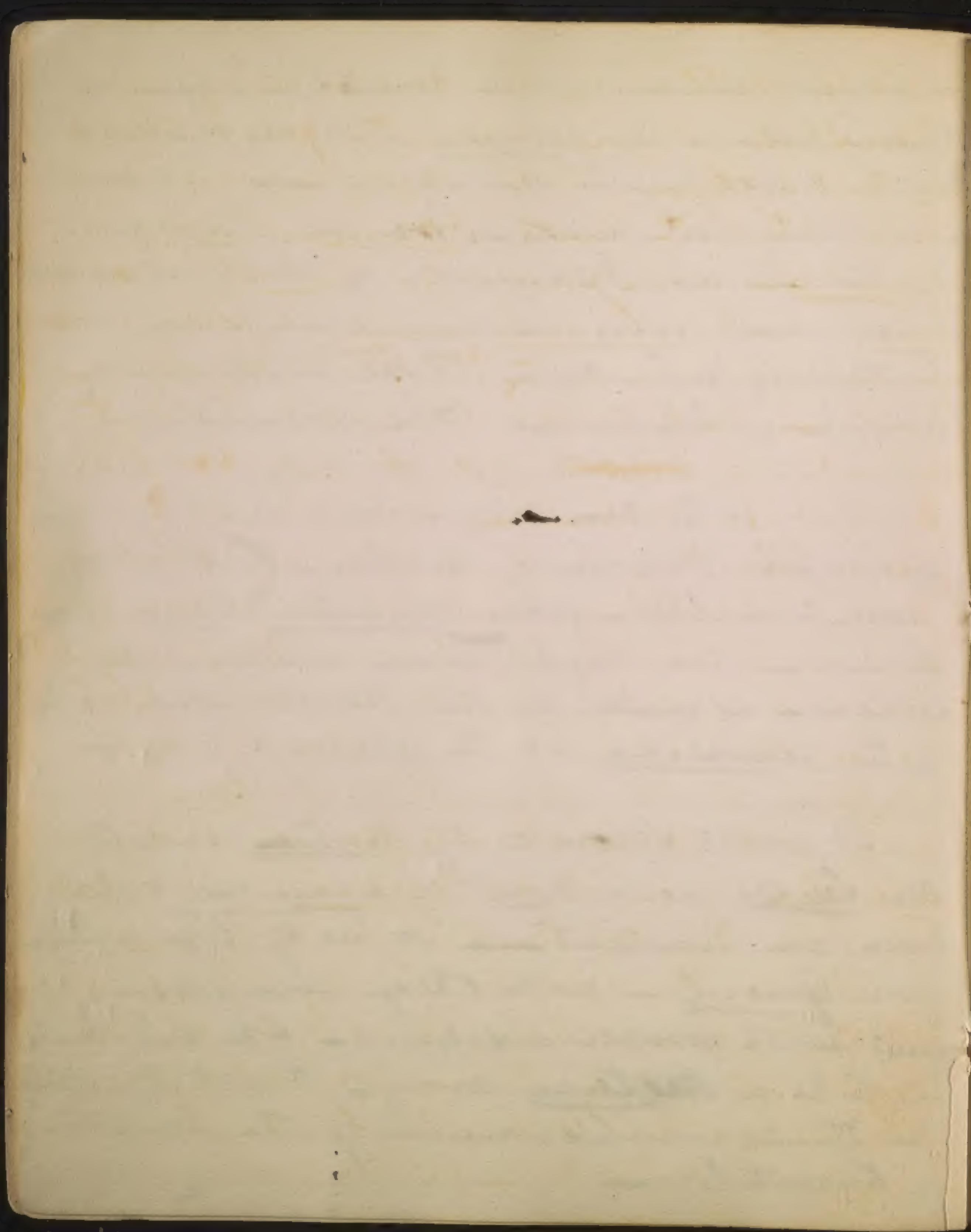
In Sciences — as in Manners — There
^{are} undelicacy — to project its domestic Se-
cret — The unjust and unjust Custom of
Society — has set its portgody seal upon the latter

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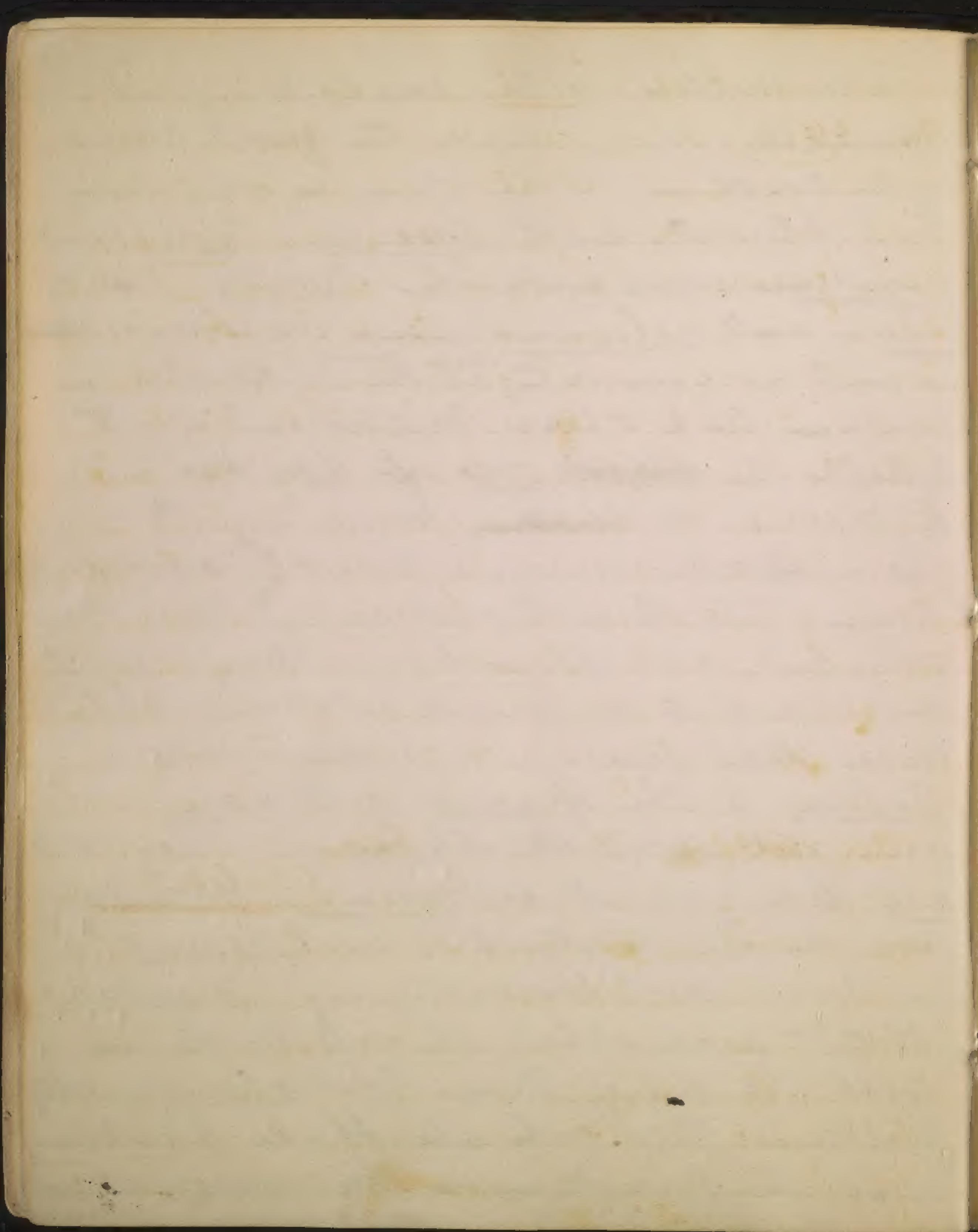
- whilst Refinement in Perception - can as easily see in the former - its disgust at such impudent intrusion — Repeat - as I have said before - we are Ignorant of the Modus-Operandi of Medicines - and ever will be so - unless we more faithfully rely - upon those undeviating Oracles of Nature — the Lenses —

who can say - but that if these faithful Oracles of Nature - had alone been consulted - from creation's dawn - until now - we might, have known - the causes - as well - as the Modus Operandi of the universe at the present time —

It would seem as if Nature created the Lenses as a bond of agreement - between - all Mankind — or as if like a Skilful General - with these weapons - and with proper discipline - she had made us like a Veteran army - to act together - in the accomplishment of the victory of Knowledge —



— Take millions of her created beings —
March them upon the great arena
of the Earth — Take them as they may
be — blinded with Opinion — Partiality and
Prejudice upon subjects — Moral Polit-
ical — and religious — differing as far
— and as opposite ^{in their views} as the Antipodes of
Earth — Ask these millions — I say to
behold — the ~~bitter~~ orb of day sinking
to rest in the ~~western~~ horizon — Bring
them to this common point of observa-
tion — Tell them to cast away their opin-
ions — and their prejudices — Nay — you
need not do as much as this — Only
rouse their Lenses — and direct their
Vision — to the figure of the Land —
and ask them its shape — They will
all tell you it is round — There will
now be no contention in Opinion —
— now no demoralizing Prejudice
to cut each other's throats with —
with the aid of man's best advisors the
Lenses — they will all shake hands —
and be friends — in this universal



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agreement of Truth — So it is with
the opinion of the Modus Operandi of
Medicines — While we are contented
with the knowledge which our Seeds
have given us upon this Subject — we
shall all — agree — But let Imagina-
tion — conjecture — Speculation — pour their
open — tales into your Ears — the Seeds of
mental discord — will soon be matured
into open rebellion against Nature —

It marks — a degraded — and degenerate
State of intellect in Medicine, when
Teacher — after Teacher. will persist
in inoculating the Ears of his pupils
with the history of its glaring Errors — in-
stead of pointing out to them its simple
~~per~~ ~~per~~ ~~per~~ Truths. ~~Per~~ Degradation —
because — you have all ~~seen~~ ~~noticed~~
~~seen~~ these Errors — scarcely pass the
lips of the Lecturer — before they have
been met by his audience — with the
contemptuous smile — of disbelief —
His association with these Errors — have
the same effect upon his mind — that

Modern Ch. - Humoral Park - Entering the
Circulator - Author: Blumenbach -
Lister - Musgrave - Mayer & in - Home
Brooks - in our own City, Naelan
water - Lawrence -

intimacy with bad men - have upon
Morals - they - blind - vitiate - and de-
grade him — May — even make him
unconscious - that he has been publickly
insulted — Most of You - Gent-
have come to our City from a distance
— you have voluntarily left those pleas-
ures which cluster around no other place
but — Home — in fine you have come
to us upon an honorable pilgrimage
for Medical Knowledge — Bright &
thou. in Reason — in feeling — or in
honor — consume one half your time
in telling you what is redundant — and
the other perhaps in making from
your senses the obtuse and imperceptible object
of your Me. Education —

With these remarks - I hope you
need no further apology for my silence
upon the subject of the Modus Operandi
of Medicines — I shall therefore com-
mence - with Emetics -

With regard to the Mechan-



tion of Vomiting — and here you will perceive I am instantly led into the region of Opinion — a French Physician named Chirac upwards of 100 years ago — ~~had~~ performed experiments performed upon Animals — came to the Conclusion or Opinion — that the Stomach in the act of Vomiting ~~was~~ — given — that its contents were ejected by muscular force alone — Magendie performed the same experiments — without knowledge however of those of Chirac and came to the same Conclusion.

Haighton — however from his experiments came to the opinion — that Vomiting is effected by the contraction of the muscular coat of the Stomach — an opinion almost universally adopted —

The opinion of course leads to another — hence the next question proposed — How do Emetics excite these actions of the Stomach and Muscles — in Vomiting



Darwin's Speculation upon this Subject
that Excitement of the
Stomach. is diminished by the
action of an Emetic - in Consequence
of which its Peristaltic Motion
is suspended - How does this follow
as a consequence when nausea
is produced - (says he) The Stomach
as well as the whole System is in a
State of Debility - As the Nausea
increases - the Powers of the Stomach
are more diminished - until they cease
altogether - And then give place to
an inverted Motion of its Muscular
fibres - Now? why should this
diminished may even suspended action
of the Stomach - from alleged Debility
give rise - the new and inverted Motion

22. Oct. 1882

Elas vivem eis que

בְּרָא יְהוָה אֱלֹהִים

Lauren delos

copy of the original manuscript. The original manuscript is in the possession of the British Library.

1. *Chlorophytum comosum* (L.) Willd. (syn. *Chlorophytum capense* (L.) Willd.)

226.085

228.820

24.420

26.21

6.10

3.6

51

53

55

60

200.000 200.000 200.000 200.000

200.000

24.420

66.2

6.0

16.2

3.50

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46.800

24.400

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201.6

3.6

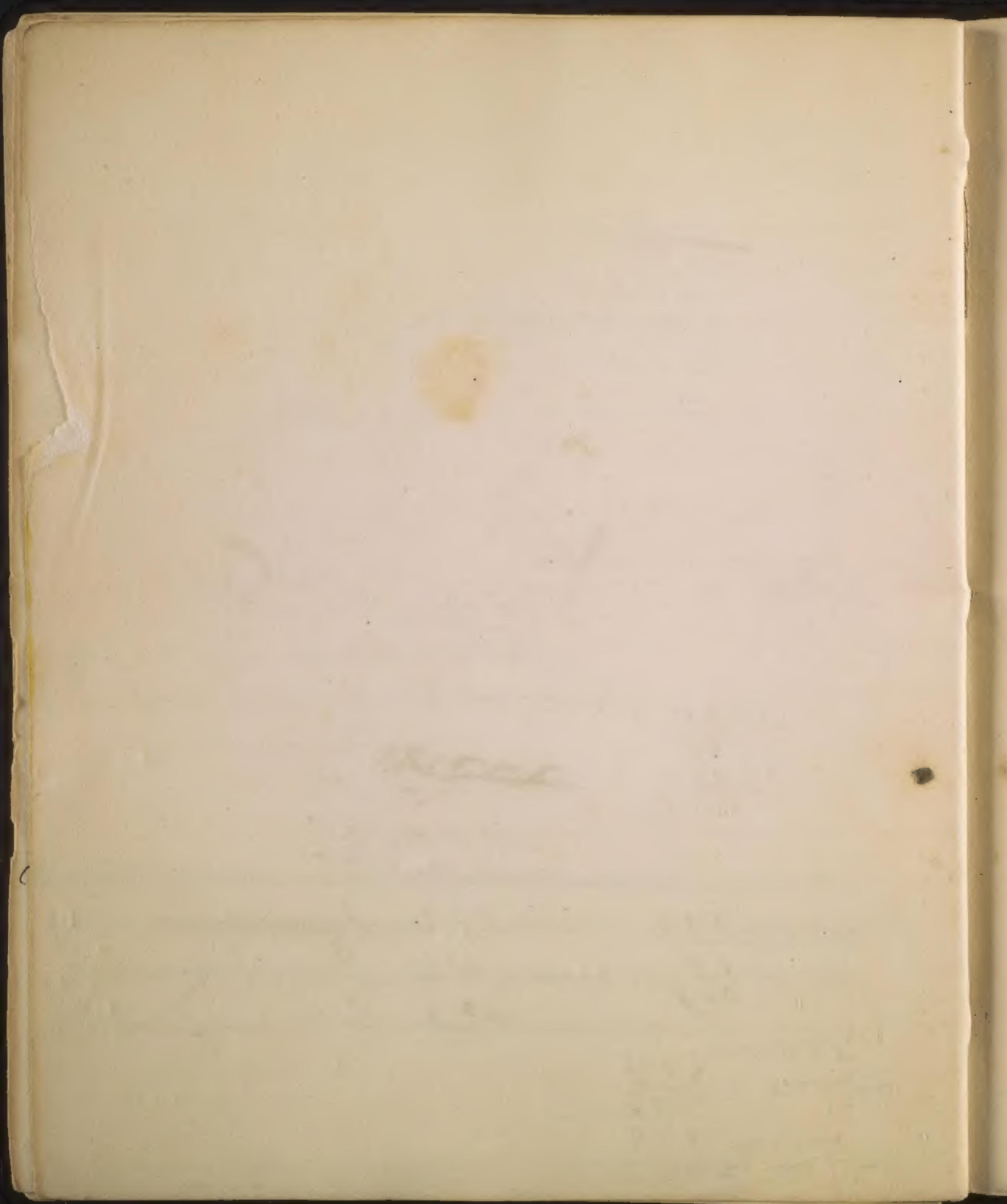
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600,000
12 months on the 21



MULTIPLICATION TABLE.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140	147	154	161	168	175
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160	168	176	184	192	200
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220	231	242	253	264	275
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300
13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260	273	286	299	312	325
14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280	294	308	322	336	350
15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	375
16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400
17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340	357	374	391	408	425
18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360	378	396	414	432	450
19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380	399	418	437	456	475
20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
21	42	63	84	105	126	147	168	189	210	231	252	273	294	315	336	357	378	399	420	441	462	483	504	525
22	44	66	88	110	132	154	176	198	220	242	264	286	308	330	352	374	396	418	440	462	484	506	528	550
23	46	69	92	115	138	161	184	207	230	253	276	299	322	345	368	391	414	437	460	483	506	529	552	575
24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576	600
25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625